

#17



1600

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/402,093B

DATE: 06/17/2002
 TIME: 17:49:38

Input Set : A:\001560-373.ST25.txt
 Output Set: N:\CRF3\06172002\I402093B.raw

ENTERED

4 <110> APPLICANT: Ohsuye, Kazuhiro
 5 Yabuta, Masayuki
 6 Suzuki, Yuji
 8 <120> TITLE OF INVENTION: Process for Producing Peptides Using a Helper Peptide
 10 <130> FILE REFERENCE: 001560-373
 12 <140> CURRENT APPLICATION NUMBER: US 09/402,093B
 13 <141> CURRENT FILING DATE: 1999-09-29
 15 <150> PRIOR APPLICATION NUMBER: PCT/JP99/00406
 16 <151> PRIOR FILING DATE: 1999-01-29
 18 <150> PRIOR APPLICATION NUMBER: JP 10-32272
 19 <151> PRIOR FILING DATE: 1998-01-30
 21 <160> NUMBER OF SEQ ID NOS: 25
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 4
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Artificial Sequence
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: Amino acid sequence adjacent to a site cleaved by
 32 enterokinase
 34 <400> SEQUENCE: 1
 35 Asp Asp Asp Lys
 36 1
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 4
 41 <212> TYPE: PRT
 42 <213> ORGANISM: Artificial Sequence
 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: Amino acid sequence adjacent to a site cleaved by
 46 blood coagulation Factor Xa
 48 <400> SEQUENCE: 2
 49 Ile Glu Gly Arg
 50 1
 53 <210> SEQ ID NO: 3
 54 <211> LENGTH: 7
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Artificial Sequence
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: Amino acid sequence containing a site cleaved by
 60 renin
 62 <400> SEQUENCE: 3
 63 Pro Phe His Leu Leu Val Tyr
 64 1 5

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67 <210> SEQ ID NO: 4
68 <211> LENGTH: 6
69 <212> TYPE: PRT
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Amino acid sequence of helper peptide
75 <400> SEQUENCE: 4
76 Val Asp Asp Asp Asp Lys
77 1 5
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81 <211> LENGTH: 6
82 <212> TYPE: PRT
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Amino acid sequence of helper peptide
88 <400> SEQUENCE: 5
89 Gly Cys His His His His
90 1 5
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 10
95 <212> TYPE: PRT
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Amino acid sequence containing a chemically
100 cleaved site
102 <400> SEQUENCE: 6
103 Pro Gly Gly Arg Pro Ser Arg His Lys Arg
104 1 5 10
107 <210> SEQ ID NO: 7
108 <211> LENGTH: 10
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Amino acid sequence of helper peptide
115 <400> SEQUENCE: 7
116 His Arg His Lys Arg Ser His His His His
117 1 5 10
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 5
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Amino acid sequence containing a site cleaved by
127 Kex2 Protease
129 <400> SEQUENCE: 8
130 Ser Asp His Lys Arg
131 1 5
134 <210> SEQ ID NO: 9
135 <211> LENGTH: 23

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136 <212> TYPE: PRT
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Amino acid sequence containing a position cleaved
141     by OmpT
143 <400> SEQUENCE: 9
144 Gln Met His Gly Tyr Asp Ala Glu Leu Arg Leu Tyr Arg Arg His His
145 1           5           10           15
146 Arg Trp Gly Arg Ser Gly Ser
147           20
150 <210> SEQ ID NO: 10
151 <211> LENGTH: 20
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Amino acid sequence containing a position cleaved
157     by OmpT
159 <400> SEQUENCE: 10
160 Gln Met His Gly Tyr Asp Ala Glu Leu Arg Leu Tyr Arg Arg His His
161 1           5           10           15
162 Gly Ser Gly Ser
163           20
166 <210> SEQ ID NO: 11
167 <211> LENGTH: 69
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Nucleotide sequence coding for an amino acid
173     sequence containing a site cleaved by OmpT
W--> 175 <221> NAME/KEY: CDS
176 <222> LOCATION: (1)...(69)
W--> 178 <400> 11
179 cag atg cat ggt tat gac gcg gag ctc cgg ctg tat cgc cgt cat cac    48
180 Gln Met His Gly Tyr Asp Ala Glu Leu Arg Leu Tyr Arg Arg His His
181 1           5           10           15
183 cgg tgg ggt cgt tcc gga tcc    69
184 Arg Trp Gly Arg Ser Gly Ser
185           20
188 <210> SEQ ID NO: 12
189 <211> LENGTH: 23
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Amino acid sequence containing a site cleaved by
195     OmpT
197 <400> SEQUENCE: 12
198 Gln Met His Gly Tyr Asp Ala Glu Leu Arg Leu Tyr Arg Arg His His
199 1           5           10           15
200 Arg Trp Gly Arg Ser Gly Ser

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201          20
204 <210> SEQ ID NO: 13
205 <211> LENGTH: 47
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Nucleotide sequence coding for an amino acid
211     sequence containing a site cleaved by OmpT
213 <400> SEQUENCE: 13
214 tggttatgac gcgagctcc gcctgtatcg ccgtcatcac ggttccg          47
216 <210> SEQ ID NO: 14
217 <211> LENGTH: 55
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Nucleotide sequence coding for an amino acid
223     sequence containing a site cleaved by OmpT
225 <400> SEQUENCE: 14
226 gatccggaac cgtgatgacg gcgatacagg cggagctccg cgtcataacc atgca          55
228 <210> SEQ ID NO: 15
229 <211> LENGTH: 24
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Primer
236 <400> SEQUENCE: 15
237 gactcagatc ttctgaggc cgat          24
239 <210> SEQ ID NO: 16
240 <211> LENGTH: 36
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Primer
247 <400> SEQUENCE: 16
248 aaaggtagct tccgcatgcc gcggatgtcg agaagg          36
250 <210> SEQ ID NO: 17
251 <211> LENGTH: 20
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Primer
258 <400> SEQUENCE: 17
259 aggccaggaa ccgtaaaaag          20
261 <210> SEQ ID NO: 18
262 <211> LENGTH: 29
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Primer

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/17/2002
PATENT APPLICATION: US/09/402,093B TIME: 17:49:39

Input Set : A:\001560-373.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:25; Xaa Pos. 6



Creation date: 04-12-2004
Indexing Officer: VBOUK - VIOLA BOUK
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Dossier: 09402093

Legal Date: 06-25-2002

No.	Doccode	Number of pages
1	CTFR	14
2	892	1
3	NPL	1
4	1449	1

Total number of pages: 17

Remarks:

Order of re-scan issued on